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(71) Applicant (for all designated States except US):
SPORTZWHISTLE PTY LTD [AU/AU]; Level 2,
Colonial Bank Building, 3350 Pacific Highway, Spring-
wood, Queensland 4127 (AU).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **HILTON, John, Allen**
[AU/AU]; 10A Normurra Ave, North Turramurra, New
South Wales 2074 (AU).

(74) Agent: **GRIFFITH HACK**; GPO Box 4164, SYDNEY,
New South Wales 2001 (AU).

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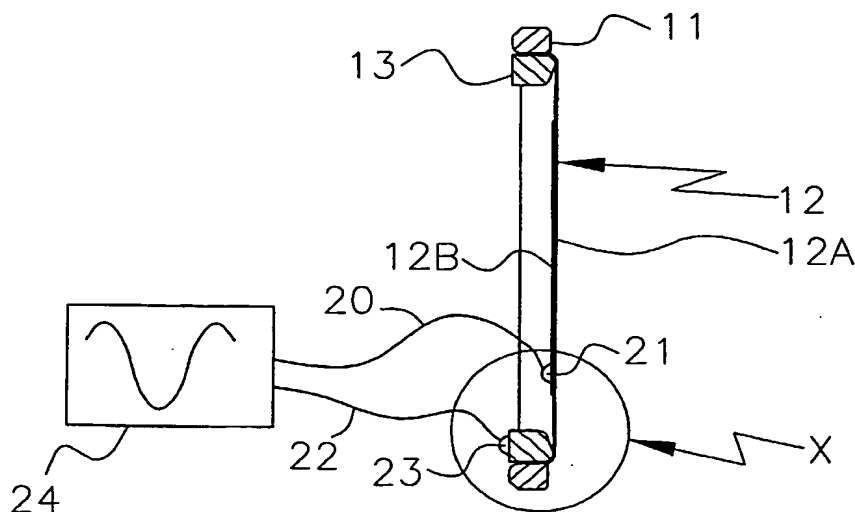
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(54) Title: **PIEZOELECTRIC TRANSDUCER SYSTEMS**



(57) Abstract: A transducer assembly has a generally planar resonator (12) (such as a disc) bonded on one face to a sheet of piezoelectric material (12B) and having a mounting flange (12C) (which may extend all around the periphery of the resonator) to mount the resonator between inner (13) and outer (11) mounting elements such as rings. An electric circuit (24) drives the piezoelectric sheet (12B) and, when used for sound generation, a tuned acoustic structure is provided for directing sound away from the resonator (12).

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